

REMARKS

Claims 1-6, 8-26, and 28-46 are pending. Claims 21-25 have been allowed, claims 1, 8, 9, 25, 26, 28, 31, and 32 have been amended, claims 7 and 27 have been canceled, and new claims 42-46 have been added to recite additional features of the embodiments disclosed in the specification.

Reconsideration of the application is respectfully requested for the following reasons.

In the Office Action, claims 8-17 and 32-41 have been indicated to be allowable if rewritten into independent form to recite the features of their base and intervening claims. Claims 8 and 32 have been rewritten in this manner. Accordingly, it is submitted that claims 8, 32, and their dependent claims are allowable.

Claims 1-7, 18-20, and 26-31 were rejected under 35 USC § 102(e) for being anticipated by the Matsuo patent publication. This rejection is traversed for the following reasons.

Claim 1 has been amended to recite controlling the transmission of data using different transmission characteristics through a same network (i.e., the LAN) based on how much remaining battery capacity exists for a first station. More specifically, claim 1 recites controlling communication of data between the first station and a second station or access point based on the determined transmission characteristic, wherein "the data is communicated through the LAN in accordance with a first transmission characteristic when the checked battery capacity is

within a first capacity range, and is communicated through the LAN in accordance with a second transmission characteristic when the checked battery capacity is within a second capacity range different from the first capacity range.”

In contrast, the Matsuo publication discloses transmitting data through different networks having different power consumption requirements based on the remaining capacity of a terminal battery. That is, if the remaining capacity is low, the terminal transmits data through a low-power network 102. And, if the remaining capacity is high, the terminal transmits data through a high-power network 101. (See Paragraph [0075]).

The Matsuo publication, thus, does not disclose the features added by amendment to claim 1 and therefore does not anticipate this claim or any of its dependent claims. Furtherance of claim 1 and its dependent claims to allowance is therefore respectfully requested.

Claim 18 recites receiving data communications from a plurality of stations on a wireless LAN network at an access point and “determining priorities for data transmission and reception with reference to power save period information transmitted from the plurality of stations.” The Matsuo publication does not disclose these features.

In the Matsuo system, one terminal transmits data to another terminal through one of two networks. To perform this function, certain controllers of the networks 101 or 102 manage the data transmissions. However, the Matsuo publication does not disclose, in Paragraphs [0075]-[0078] (which were relied on to reject claim 18) or in any other paragraph, that the

network controllers perform the features of receiving “power save period information” from a terminal and then determining priorities for data transmission and reception based on the power save period information that is received.

Without a disclosure of these features, it is submitted that the Matsuo publication cannot anticipate claim 18 or any of its dependent claims. Furtherance of this claim and its dependent claims to allowance is therefore respectfully requested.

Claim 26 has been amended to recite features similar to those that patentably distinguish claim 1 from the Matsuo publication, i.e., claim 26 recites controlling communication of data between the transmitting terminal and a station or access point based on the determined transmission characteristic, wherein “the data is communicated through the LAN in accordance with a first transmission characteristic when the checked battery capacity is within a first capacity range, and is communicated through the LAN in accordance with a second transmission characteristic when the checked battery capacity is within a second capacity range different from the first capacity range. “

In view of these features, it is respectfully submitted that claim 26 and its dependent claims are allowable.

New claims 42-46 have been added to the application. These claims recite a method having steps similar to the means elements recited in allowed claims 21-25.

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In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and timely allowance of the application are respectfully requested.

To the extent necessary, a petition for an extension of time under 37 CFR § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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